INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/017917

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ B60B35/18, F16C19/38, F16C33/60, F16C33/76, F16C35/063					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Int.Cl ⁷	pentation searched (classification system followed by clas B60B35/00-35/18, F16C19/00-19,	/56, F16C33/30-35/12			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Jitsuyo Shinan Toroku Koho 1996–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Toroku Jitsuyo Shinan Koho 1994–2004					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.		
Y	US 5603554 A (David A. MONROE 18 February, 1997 (18.02.97), Fig. 1 (Family: none)	3),	1-3, 5, 6		
У	Microfilm of the specification annexed to the request of Japa Model Application No. 083592/No. 194805/1982) (NTN Toyo Bearing Co., Ltd.), 10 December, 1982 (10.12.82), Fig. 2 (Family: none)	anese Utility	1-3, 5, 6		
Further documents are listed in the continuation of Box C. See patent family annex.					
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family			
priority date claimed & document member of the same patent ranny					
Date of the actu 27 Dec	nal completion of the international search cember, 2004 (27.12.04)	Date of mailing of the international sea 15 February, 2005	rch report (15.02.05)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No.	<u> </u>		

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		101/0120	104/01/31/
C (Continuation).	DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y	JP 2001-354004 A (NTN Corp.), 25 December, 2001 (25.12.01), Par. Nos. [0036] to [0037] & US 2002/0025093 A1		4
A	<pre>JP 2002-021865 A (Koyo Seiko Co., Ltd.), 23 January, 2002 (23.01.02), Fig. 2 & US 2001/0019639 A1</pre>		1-6
A	& US 2001/0019639 Al JP 2001-246903 A (Koyo Seiko Co., Ltd.), 11 September, 2001 (11.09.01), Fig. 1 (Family: none)		1-6
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